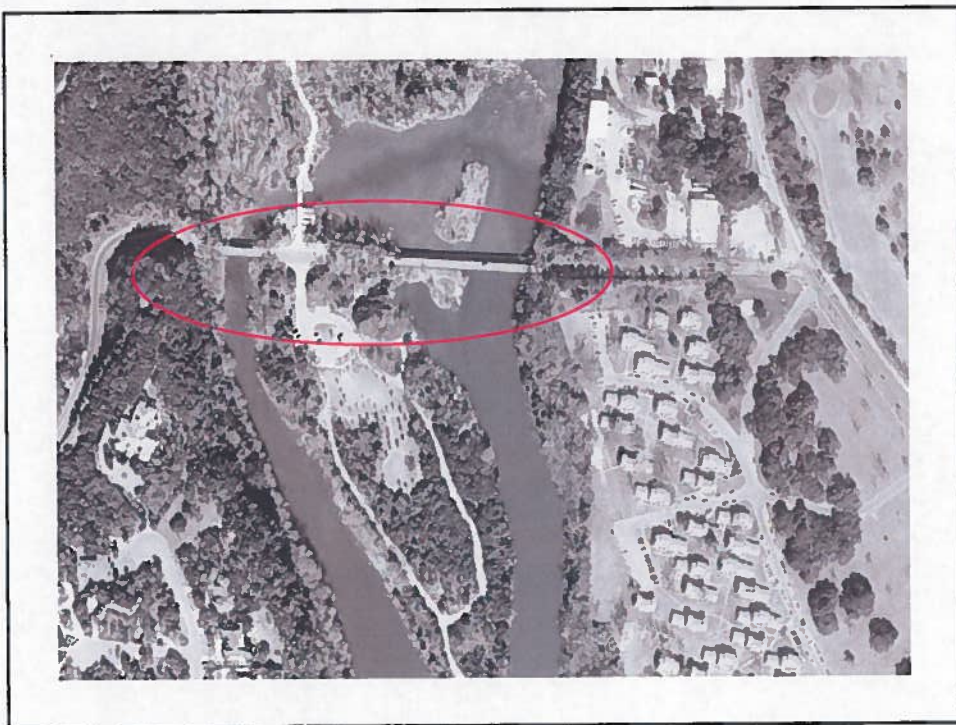


Bridge Replacement Needs

Redbud Trail Bridge
Barton Springs Road Bridge

Redbud Trail Bridge

- Crosses Ladybird Lake near Tom Miller Dam.
- Built in 1948.
- Interim strengthening completed in 1998.
- 2012 inspection resulted in "fair" rating.
- Traffic volume/weight of vehicles exceeds initial design intent.
- Bridge is near end of its useful life.
- Approach on the west side has steep slope/curves.
- \$3M in design funds identified in 2012 bond.



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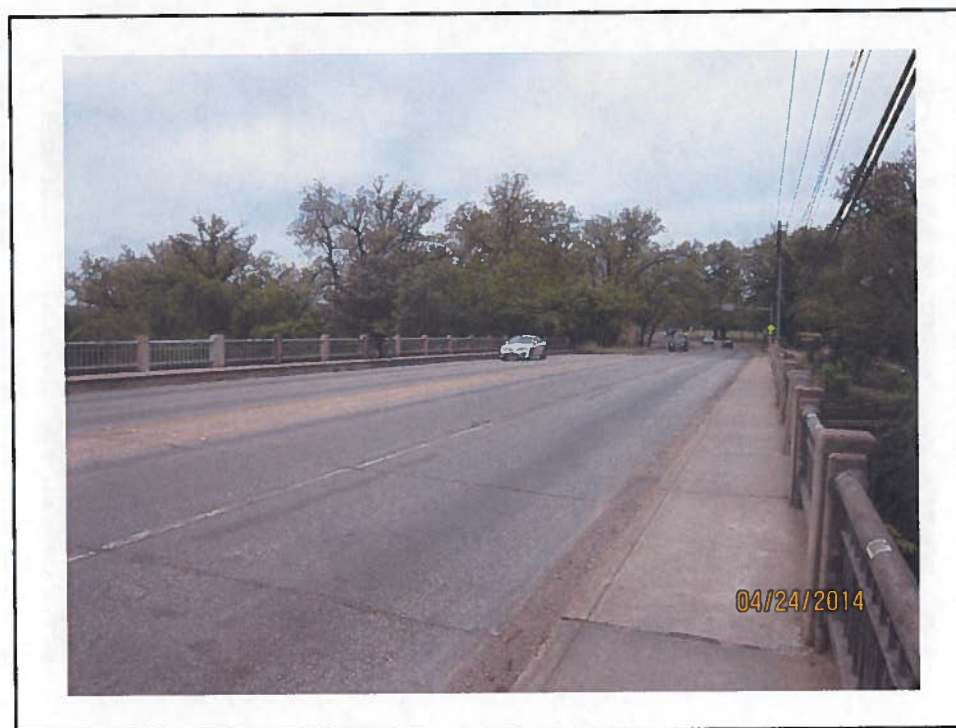
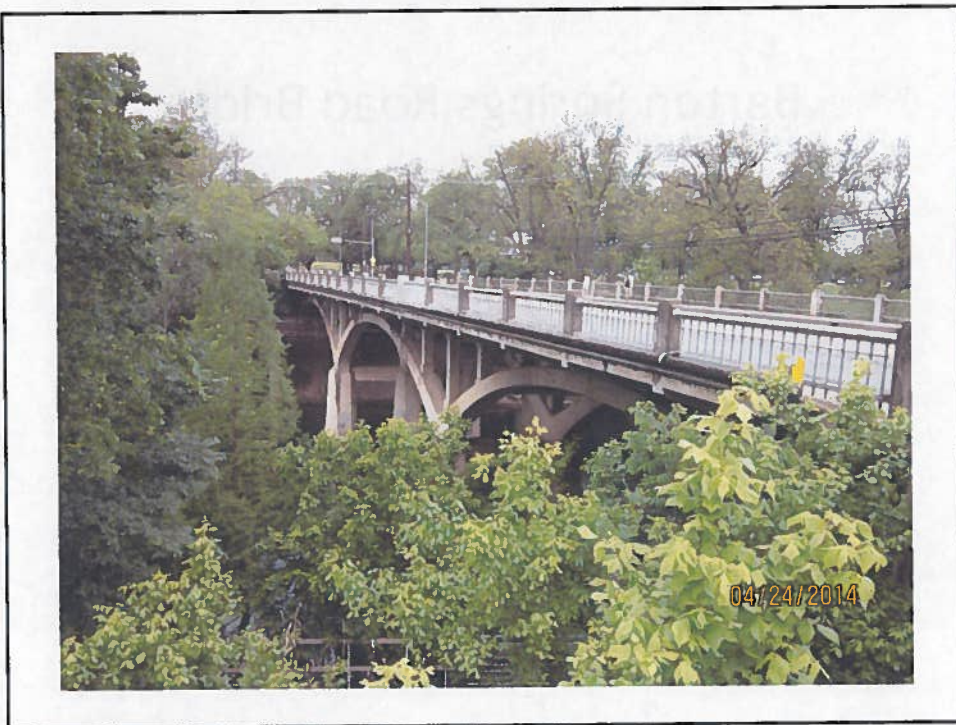


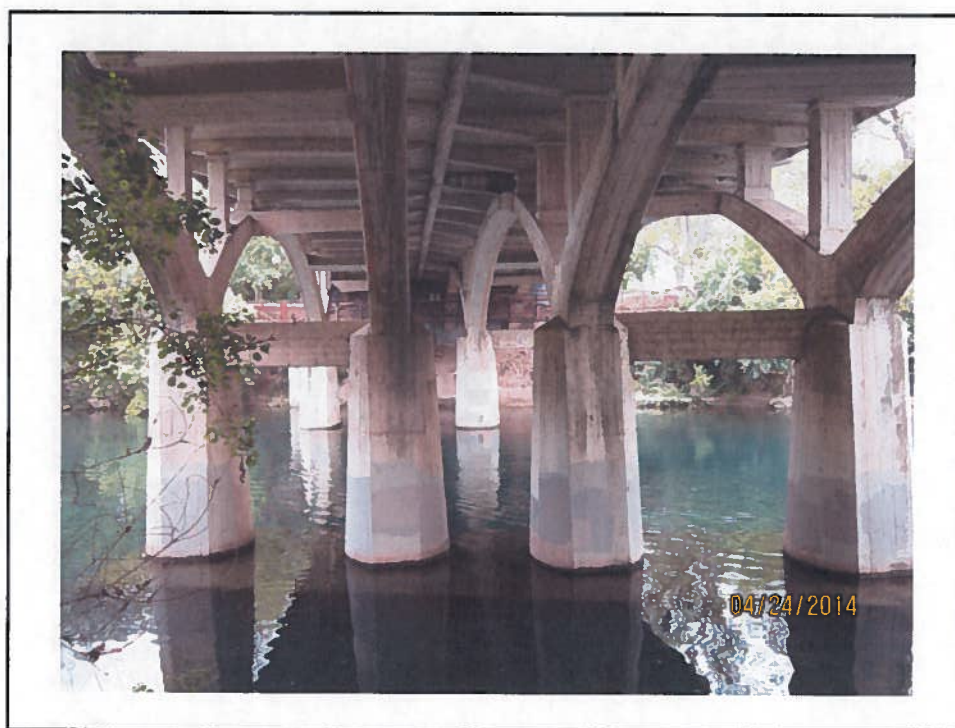


Barton Springs Road Bridge

- Crosses Barton Creek at Zilker Park
- Built in 1925, widened in 1945.
- Current condition assessment is “fair”, but will require substantial rehabilitation in near future.
- Bridge is functionally obsolete and is a traffic bottleneck.
- Sidewalks have non-compliant elements.
- Intersection with Robert E. Lee Drive and retaining wall on PARD Umlauf property need to be addressed.

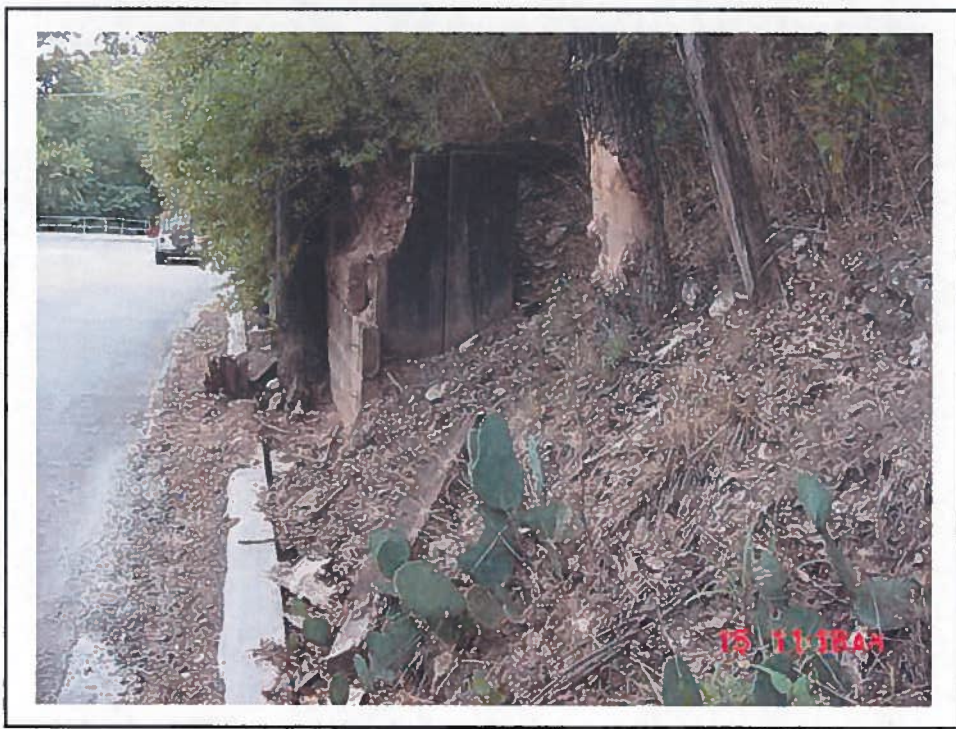
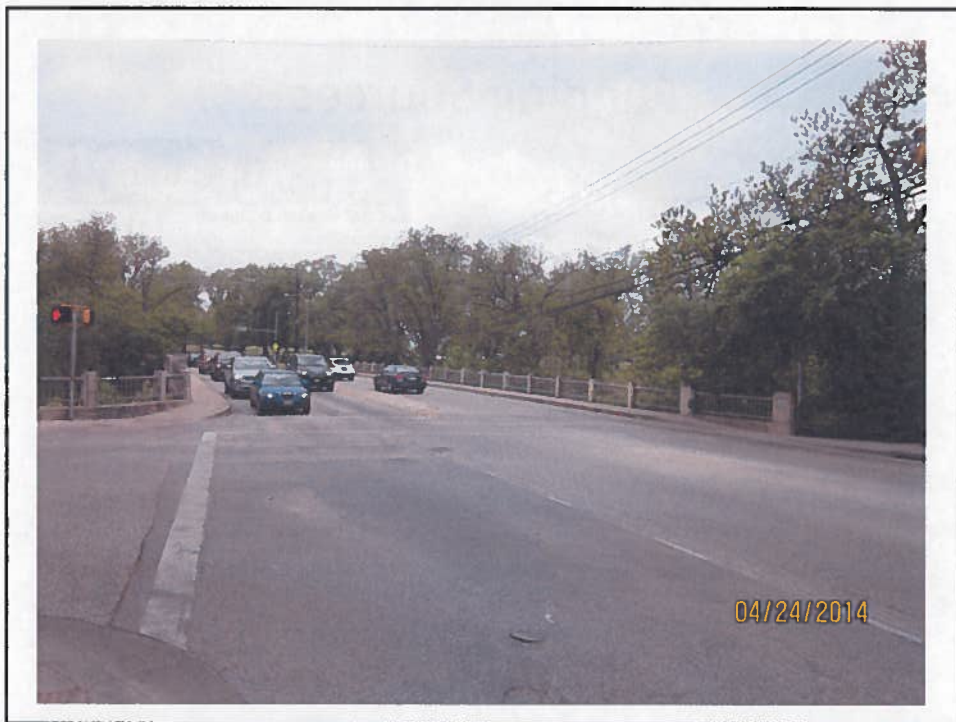








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Funding Sources

- Funding from 2012 bond program.
- Both bridges were on list of priorities provided to BEATF.
- Neither bridge is funded for construction.

Proposed Bridge Replacements & Structural Improvements	
Emmet Shelton Bridge on Redbud Trail	\$15,890,000
William Cannon Drive Misc. Wall Repairs (West End)	\$ 4,200,000
William Cannon Drive Misc. Wall Repairs East	\$ 3,000,000
Slaughter Lane MSE Wall Repair Both Ends	\$ 5,000,000
Barton Springs Road Bridge Over Barton Creek	\$ 4,800,000
Delwau Road Bridge Over South Boggy Creek	\$ 1,700,000
Riverside Drive Retaining Wall Improvements	\$ 1,000,000
Cesar Chavez at Red River Sidewalk Improvement and Retaining Walls	\$ 305,000
Citywide Improvements	
Minor Bridges and Culverts	\$ 5,000,000
Total	\$40,895,000

Work Approach

- Use a qualifications-based selection process (RFQ) to hire a highly skilled engineering team.
- Engage a second firm to provide "peer" review.
- Combine design efforts for both bridges to gain efficiencies.
- Rework RFQ to ensure rehabilitation options are also considered and clearly call out cultural aspects.
- Report back as desired upon completion of the Preliminary Engineering Reports.